

Title (en)
FILAMENT WINDING APPARATUS AND FILAMENT WINDING METHOD

Title (de)
FASERWICKLUNGSVORRICHTUNG UND FASERWICKLUNGSVERFAHREN

Title (fr)
APPAREIL ET PROCÉDÉ DE BOBINAGE DE FILAMENTS

Publication
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Application
EP 10815403 A 20100909

Priority
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• JP 2010065462 W 20100909

Abstract (en)
Provided is a filament winding apparatus (1) which moves a liner (2) while rotating the liner (2) and winds a fiber bundle (FB) around the outside peripheral face (2a) of the liner (2), said fiber bundle (FB) being guided by a fiber-feeding guide (44) positioned around the trajectory of the liner (2). The filament winding apparatus has a resin-spraying nozzle (45) for spraying a resin onto the fiber bundle (FB) at a position before the fiber bundle is wound around the liner (2), and the resin-spraying nozzle (45) is disposed so as to spray the resin onto the downstream side of the rotation direction of the liner (2) relative to an imaginary line (VL1) defined by a straight line connecting the spray nozzle (45N) of the resin-spraying nozzle (45) with the rotation axis of the liner (2).

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